

1648
 RECEIVED
 MAR 11 2002
 PCT09
 TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/485,099

DATE: 10/29/2001

TIME: 15:48

Input Set : A:\W112066.txt

Output Set: N:\CRF3\10292001\I485099.raw

5 <110> APPLICANT: Frace, Michael
 6 Klimov, Alexander
 7 Katz, Jaquelline
 10 <120> TITLE OF INVENTION: PREPARATION AND USE OF RECOMBINANT INFLUENZA A VIRUS
 11 M2 CONSTRUCTS AND VACCINES
 14 <130> FILE REFERENCE: 14114.0345P1
 16 <140> CURRENT APPLICATION NUMBER: 09/485,099
 17 <141> CURRENT FILING DATE: 1998-08-06
 19 <150> PRIOR APPLICATION NUMBER: PCT/US98/167379
 20 <151> PRIOR FILING DATE: 1998-08-06
 22 <150> PRIOR APPLICATION NUMBER: 08/906,930
 23 <151> PRIOR FILING DATE: 1997-08-06
 25 <160> NUMBER OF SEQ ID NOS: 5
 27 <170> SOFTWARE: PatentIn Ver. 2.0
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 62
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Artificial Sequence ✓
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Description of Artificial Sequence: Forward-1
 36 primer specific for the 5' coding region of the M2 ✓
 37 gene
 39 <400> SEQUENCE: 1
 40 cccgaattct tatgagcctt ctaaccgagg tcgaaacgcc tatcagaaac gaatggggat 60
 41 gc 62
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 52
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Artificial Sequence ✓
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: Description of Artificial Sequence: reverse-1
 50 primer coding for 3' amplification from nucleotide ✓
 51 75 of M2 protein.
 53 <400> SEQUENCE: 2
 54 gtcttttgctt accoctacgt ctacgttgct aagttcacta ggacctcctc cc 52
 57 <210> SEQ ID NO: 3
 58 <211> LENGTH: 41
 59 <212> TYPE: DNA ✓
 60 <213> ORGANISM: Artificial Sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: Description of Artificial Sequence: Forward-2
 64 primer for sm2 containing a 5' region homologous ✓
 65 to the reverse-1 primer
 67 <400> SEQUENCE: 3
 68 caagtgatcc tggaggagga gatcgtctct tcttcaaag c 41
 70 <210> SEQ ID NO: 4
 71 <211> LENGTH: 41

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/485,099

DATE: 10/29/2001

TIME: 15:48:09

Input Set : A:\W112066.txt

Output Set: N:\CRF3\10292001\I485099.raw

72 <212> TYPE: DNA /
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: reverse-2
77 primer coding for the 3' end of M2. ✓
79 <400> SEQUENCE: 4
80 ctatcagtaa agcagtcgta tctcgacctc atcagctgcc c 41
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 43
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Forward-2
90 primer for ssm2 containing a 5' region homologous ✓
91 to the reverse-1 primer
93 <400> SEQUENCE: 5
94 caagtgatcc tggaggagga aaacacggtc tgaaaagagg gcc 43

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/485,099

DATE: 10/29/2001

TIME: 15:48:10

Input Set : A:\W112066.txt

Output Set: N:\CRF3\10292001\I485099.raw